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PEGGY M. HATCH
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20100002
Agency Interest No. 93523

Mr. Tom McKinlay
Senior Vice President Manufacturing
Murphy Oil U.S.A – Meraux Terminal
200 Peach St.
El Dorado, AR 71731

RE: Part 70 Operating Permit Modification/Renewal, Murphy Oil USA Inc - Meraux Terminal, Meraux, St. Bernard Parish, Louisiana

Dear Mr. Tom McKinlay:

This is to inform you that the permit modification/renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2015, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 2500-00027-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

SGQ
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**MERAUX TERMINAL
AGENCY INTEREST NO. 93523
MURPHY OIL USA, INC.
MERAUX, ST. BERNARD PARISH, LOUISIANA**

I. Background

The Meraux Terminal operates under a Part 70 Operating Permit No. 2500-00027-V2 dated October 24, 2007 and is owned and operated by Murphy Oil USA, Inc.

II. Origin

This review was initiated by an application and Emission Inventory Questionnaire (EIQ) dated June 23, 2010 for the modification/renewal of Permit No. 2500-00027-V2.

III. Description

The Meraux Terminal is contiguous to the Meraux Refinery. The finished product is received by pipeline from the refinery stored and transported off site by tank trucks.

Meraux Terminal proposes the following changes to the permit:

1. Increase the throughput of the terminal from 675 to 1027 MM gallons per year;
2. Incorporate tank emission caps for Gasoline/Ethanol, Emission Point GE-TC, and Diesel, Emission Point D-TC, to allow for operational flexibility;
3. Incorporate the Case-by-Case dated March 5, 2010, and approved March 26, 2010, for an additive tank, Emission Point 4-3;
4. Remove Additive Tank, Emission Point 4-2, from the permit (an Insignificant Activity);
5. Incorporate a Wastewater Tank (Grey Water Tank), Emission Point T-GW;
6. Reconcile fugitive emissions based on the current modification and fugitive component audit;
7. Update Insignificant Activities List and the General Condition Activities List based on updated components, modification, and operating conditions; and
8. Reconcile specific requirements and minor updates based on the applicability and operating conditions.

**AIR PERMIT BRIEFING SHEET
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**MERAUX TERMINAL
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MERAUX, ST. BERNARD PARISH, LOUISIANA**

Permitted emissions from the terminal in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	0.26	0.40	+ 0.14
SO ₂	0.02	0.84	+ 0.82
NO _X	2.39	3.47	+ 1.08
CO	13.01	18.87	+ 5.86
VOC*	43.40	35.93	- 7.47

<u>* VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>			
<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
2,2,4-Trimethylpentane	0.13	0.10	- 0.03
Benzene	0.54	0.42	- 0.12
Cumene	0.01	0.02	+ 0.01
Ethyl benzene	0.10	0.08	- 0.02
Methyl tert butyl ether	1.03	5.11	+ 4.08
Naphthalene(and Methyl naphthalenes)	0.001	0.03	+ 0.03
n-Hexane	0.58	0.55	- 0.03
Polynuclear aromatic hydrocarbons	Neg.	<0.01	-
Toluene	0.72	0.51	- 0.21
Xylene	0.57	0.42	- 0.15
Total	3.68	7.24	+ 3.56
Other VOC	39.72	28.69	- 11.03

Prevention of Significant Deterioration (PSD) review is not required as the increase in criteria pollutants is less than the PSD significance levels.

IV. Type of Review

This application was reviewed for compliance with 40 CFR Part 70 and the Louisiana Air Quality Regulation, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Compliance Assurance Monitoring (CAM) and Prevention of Significant Deterioration (PSD) do not apply.

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V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in The Advocate, Baton Rouge, Louisiana and The St. Bernard Voice, Arabi, Louisiana, on August **, 2010. Copies of the public notice were mailed out to individuals on the mailing list maintained by Office of Environmental Services on August **, 2010. The proposed permit was sent to EPA via e-mail on August **, 2010. All comments received shall be considered before a final decision is made for this proposed permit.

VII. Effects on Ambient Air

Dispersion Model Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration ($\mu\text{g}/\text{m}^3$)	Louisiana Air Quality Standard (NAAQS) ($\mu\text{g}/\text{m}^3$)
NA			

VIII. General Condition XVII Activities

		Emission Rates – tons				
Work Activity	Schedule	PM ₁₀	SO ₂	NO _x	CO	VOC
Sampling Procedures	520 times/yr					0.24
Pump Preparation	30 times/yr					0.53
Line Preparation	20 times/yr					0.09
Filter Replacements	1200 times/yr					0.44

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Work Activity	Schedule	Emission Rates – tons				
		PM ₁₀	SO ₂	NO _X	CO	VOC
Instrumentation Mechanical Work	100 times/yr					0.18
Cleaning Equipment	1000 times/yr					1.76
Tank Gauging	500 times/yr					0.79
Valve Maintenance	50 times/yr					0.03
Taking FR Tanks Out of Service	2 times/yr					0.11
Sludge removal	8 times/yr					3.33
Changing Loading Heads	156 times/yr					0.17
Tank Landing – Diesel	8 times/yr					0.01
Tank Landing – Gasoline	8 times/yr					2.01

IX. Insignificant Activities

ID No.:	Description	Citation
1-1	Marketing Additive Tank (1,000 gal)	LAC 33:III.501.B.5.A.3
4-1	Marketing Additive Tank (4,000 gal)	LAC 33:III.501.B.5.A.3
4-3	Marketing Additive Tank (4,000 gal)	LAC 33:III.501.B.5.A.3
6-1	Marketing Additive Tank (6,000 gal)	LAC 33:III.501.B.5.A.3
6-2	Marketing Additive Tank (6,000 gal)	LAC 33:III.501.B.5.A.3
8-1	Marketing Additive Tank (8,000 gal)	LAC 33:III.501.B.5.A.3
-	Red Dye Totes (550 gal each)	LAC 33:III.501.B.5.A.3
-	Painting	LAC 33:III.501.B.5.B.2
-	Welding Operations	LAC 33:III.501.B.5.B.3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III:Chapter																	
		5	9	11	13	15	2103	2107	2109	2111	2113	2121	2135	2137	2301	29*	51*	52	56
GRP001	Meraux Terminal	1	1	1	1					1				1	1	1	1	1	1
EQT002	20-1, Gasoline Storage Tank																		
EQT003	20-2, Diesel Fuel Storage Tank																		
EQT004	20-3, Gasoline Storage Tank																		
EQT005	20-4, Gasoline Storage Tank																		
EQT006	20-5, Gasoline Storage Tank																		
EQT007	30-1, Truck Loading Facility												1						
EQT008	T-GW, Grey Water Tank												2						
EQT009	OWS, Oily Water Separator												2						
EQT010	FPPT, Flare Pilot Propane Tank																		
FUG001	F-1, Fugitive Emissions												1						

KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.
- Blank - The regulations clearly do not apply to this type of emission source.

* The regulations indicated above are State Only regulations.

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▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR							
		A	D _b	D _c	J	K _b	X _X	G _{GG}	N _{NNN}	Q _{QQ}	A	J	M	V	F _F	R	H _{HH}	4Y _S	4Z _S	68	82						
GRP001	Meraux Terminal	1																3	1	1		1					
EQT002	20-1. Gasoline Storage Tank																										
EQT003	20-2. Diesel Fuel Storage Tank																										
EQT004	20-3. Gasoline Storage Tank																										
EQT005	20-4. Gasoline Storage Tank																										
EQT006	20-5. Gasoline Storage Tank																										
EQT007	30-1. Truck Loading Facility																										
EQT008	T-GW. Grey Water Tank																										
EQT009	OWS. Oily Water Separator																										
EQT010	FPPT. Flare Pilot Propane Tank																										
FUG001	F-1. Fugitive Emissions																										1

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR							
		A	Db	Dc	J	Kb	XX	GGG	NNN	QQQ	A	J	M	V	FF	A	F	R	HHH	4Ys	4Zs	68	82				
KEY TO MATRIX																											
1	-The regulations have applicable requirements which apply to this particular emission source.										-The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.																
2	-The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.																										
3	-The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.																										
	Blank -- The regulations clearly do not apply to this type of emission source.																										

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MERAUX, ST. BERNARD PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
GRP001 Meraux Terminal	NESHAP, 40 CFR 61, Subpart FF – Benzene Waste Operations	Does not apply	40 CFR 61.340	The facility does not generate benzene wastewater
EQT003 Diesel Storage Tank 20-2	LAC 33:III.2103 Storage of VOC	Exempt	LAC 33:III.2103.B	Vapor pressure of the material stored is less than the threshold of 1.5 psia
	NSPS, 40 CFR 60, Subpart Kb Standards of Performance for Petroleum and VOC Vessels	Does not apply	40 CFR 60.110b	True vapor pressure less than threshold of 0.5 psia
	NESHAP, 40 CFR 63, Subpart R – for Bulk Gasoline Terminals	Does not apply	40 CFR 63.423	Not a gasoline storage tank
EQT007 Truck Loading Facility 30-1	NSPS, 40 CFR 60, Subpart XX - Standards of Performance for Bulk Gasoline Terminals	Does not apply	40 CFR 60.500(b)	Date of construction or modification before December 17, 1980
EQT008 Grey Water Tank T-GW	LAC 33:III.2103 Storage of VOC	Exempt	LAC 33:III.2103.A	Vapor pressure of the material stored is less than the threshold of 1.5 psia
	NSPS, 40 CFR 60, Subpart Kb Standards of Performance for Petroleum and VOC Vessels	Does not apply	40 CFR 60.110b	The capacity is greater than 20,000 gal but the vapor pressure is less than threshold (15 kPa)
	NESHAP, 40 CFR 63, Subpart R – for Bulk Gasoline Terminals	Does not apply	40 CFR 63.423	Not a gasoline storage tank
EQT009 Oily Water Separator OWS	LAC 33:III.2109 Oil/Water Separator	Does not apply	LAC 33:III.2109.B.4	Emiss less than 100 tons per year of regulated hydrocarbons (uncontrolled)

The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section XI of this permit

General Information

AI ID: 93523 Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	2500-00027	Murphy Oil USA Inc Meraux Terminal	CDS Number	01-10-1992
	66327	File #	Inactive & Abandoned Sites	09-02-1999
		Priority 1 Emergency Site	Priority 1 Emergency Site	07-19-2006
Physical Location:			Main Phone:	5042713390
Mailing Address:				
Location of Front Gate:		29.929847 latitude, -89.942142 longitude, Coordinate Method: Lat.Long. - DMS, Coordinate Datum: NAD83		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Steve Faller	PO Box 100 Meraux, LA 700750100	5042785333 (WP)	Emission Inventory Facility Contact for
	Steve Faller	PO Box 100 Meraux, LA 700750100	STEVE_FALLER@n	Emission Inventory Facility Contact for
	Steve Faller	PO Box 100 Meraux, LA 700750100	5042785333 (WP)	Emission Inventory Facility Contact for
	Steve Faller	PO Box 100 Meraux, LA 700750100	STEVE_FALLER@n	Emission Inventory Facility Contact for
	Tom McKinlay	PO Box 7000 El Dorado, AR 717317000	8708626411 (WP)	Responsible Official for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Murphy Oil Co - Terminal Division	PO Box 7000 El Dorado, AR 717317000		Air Billing Party for
	Murphy Oil USA Inc	Attn: Anna Jones El Dorado, AR 71730	8708626411 (WP)	Emission Inventory Billing Party
	Murphy Oil USA Inc	Attn: Anna Jones El Dorado, AR 71730	8708626411 (WP)	Emission Inventory Billing Party
	Murphy Oil USA Inc	Attn: Anna Jones El Dorado, AR 71730	8708626411 (WP)	Operates
	Murphy Oil USA Inc	Attn: Anna Jones El Dorado, AR 71730	8708626411 (WP)	Owns
NAIC Codes:	42471 Petroleum Bulk Stations and Terminals			

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Meraux Terminal						
EQT 0002	20-1 - Gasoline/Ethanol/Diesel Storage Tank	840000 gallons			Internal Floating Roof	8760 hr/yr
EQT 0003	20-2 - Diesel Fuel Cone Roof Storage Tank	840000 gallons			Internal Floating Roof	8760 hr/yr
EQT 0004	20-3 - Gasoline/Ethanol/Diesel Storage Tank	840000 gallons			Internal Floating Roof	8760 hr/yr
EQT 0005	20-4 - Gasoline/Ethanol/Diesel Storage Tank	840000 gallons			Internal Floating Roof	8760 hr/yr
EQT 0006	20-5 - Gasoline/Ethanol/Diesel Storage Tank	840000 gallons			Internal Floating Roof	8760 hr/yr
EQT 0007	30-1 - Truck Loading Facility (Flare as a Control Device)				Loads 530 MM Gal - Gasoline, 444 MM gal - Diesel, and 53 MM gal - Ethanol. Emissions to Flare	8760 hr/yr
EQT 0008	T-GW - Grey Water Tank	20300 gallons				8760 hr/yr
EQT 0009	OWS - Oily Water Separator	20000 gallons				8760 hr/yr
EQT 0010	FPPT - Flare Pilot Propane Tank	1000 gallons			Pressurized Tank	8760 hr/yr
FUG 0001	F-1 - Fugitive Emissions					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Meraux Terminal							
EOT 0002	20-1 - Gasoline/Ethanol/Diesel Storage Tank					39.7	68
EOT 0003	20-2 - Diesel Fuel Cone Roof Storage Tank					39.7	68
EOT 0004	20-3 - Gasoline/Ethanol/Diesel Storage Tank					39.7	68
EOT 0005	20-4 - Gasoline/Ethanol/Diesel Storage Tank					39.7	68
EOT 0006	20-5 - Gasoline/Ethanol/Diesel Storage Tank					39.7	68
EOT 0007	30-1 - Truck Loading Facility (Flare as a Control Device)	65.6	197845.2	8		47	1500
EOT 0008	T-GW - Grey Water Tank					24	72
EOT 0009	OWS - Oily Water Separator				.17	6	68
FUG 0001	F-1 - Fugitive Emissions					72	

Relationships:**Subject Item Groups:**

ID	Group Type	Group Description
GRP 0002	Equipment Group	GE-TC - Gasoline/Ethanol Tank Cap
GRP 0003	Equipment Group	D-TC - Diesel Tank Cap
UNF 0001	Unit or Facility Wide	MT - Meraux Terminal

Group Membership:

INVENTORIES

AI ID: 93523 - Murphy Oil USA Inc - Meroux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

Group Membership:		Description	Member of Groups
ID			
EQT 0002	20-1	Gasoline/Ethanol/Diesel Storage Tank	GRP0000000002, GRP0000000003
EQT 0003	20-2	Diesel Fuel Cone Roof Storage Tank	GRP0000000003
EQT 0001	20-3	Gasoline/Ethanol/Diesel Storage Tank	GRP0000000002, GRP0000000003
EQT 0005	20-4	Gasoline/Ethanol/Diesel Storage Tank	GRP0000000002, GRP0000000003
EQT 0006	20-5	Gasoline/Ethanol/Diesel Storage Tank	GRP0000000002, GRP0000000003

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:			
Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1650	1650 Petroleum Bulk Terminal		
SIC Codes:			
5171	Petroleum bulk stations and terminals	AI 93523	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Meraux Terminal															
EOT 0002 20-1															0.60
EOT 0003 20-2															0.33
EOT 0004 20-3															0.66
EOT 0005 20-4															0.68
EOT 0006 20-5															0.68
EOT 0007 30-1	4.31	4.74	18.87	0.79	0.87	3.47	0.09	0.10	0.40	0.19	0.21	0.84	5.22	9.46	22.85
EOT 0008 1-GW															0.02
EOT 0009 OWS															0.25
FUG 0001 F-1															0.38
GRP 0002 GE-TC															1.65
GRP 0003 D-TC															8.80
															2.01
															0.33
															1.46

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal

Activity Number: PER20100002

Permit Number: 2500-00027-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0002 20-1	2,2,4-Trimethylpentane		0.001	
	Benzene		0.01	
	Ethyl benzene		0.001	
	Methyl Tertiary Butyl Ether		0.10	
	Naphthalene (and Methyl naphthalenes)		<0.001	
	Polynuclear Aromatic Hydrocarbons		<0.001	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
EQT 0003 20-2	n-Hexane		0.01	
	Benzene		0.004	
	Ethyl benzene		0.002	
	Naphthalene (and Methyl naphthalenes)		<0.001	
	Polynuclear Aromatic Hydrocarbons		<0.001	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
EQT 0004 20-3	n-Hexane		0.01	
	2,2,4-Trimethylpentane		0.002	
	Benzene		0.01	
	Ethyl benzene		0.001	
	Methyl Tertiary Butyl Ether		0.11	
	Naphthalene (and Methyl naphthalenes)		<0.001	
	Polynuclear Aromatic Hydrocarbons		<0.001	
	Toluene		0.01	
EQT 0005 20-4	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
	2,2,4-Trimethylpentane		0.002	
	Benzene		0.01	
	Ethyl benzene		0.001	
	Methyl Tertiary Butyl Ether		0.11	
	Naphthalene (and Methyl naphthalenes)		<0.001	
	Polynuclear Aromatic Hydrocarbons		<0.001	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal

Activity Number: PER20100002

Permit Number: 2500-00027-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0005 20-4	n-Hexane		0.01	
EOT 0006 20-5	2,2,4-Trimethylpentane		0.002	
	Benzene		0.01	
	Ethyl benzene		0.001	
	Methyl Tertiary Butyl Ether		0.11	
	Naphthalene (and Methyl naphthalenes)		<0.001	
	Polynuclear Aromatic Hydrocarbons		<0.001	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EOT 0007 30-1	2,2,4-Trimethylpentane	0.01	0.02	0.05
	Benzene	0.06	0.12	0.25
	Ethyl benzene	0.004	0.05	0.02
	Methyl Tertiary Butyl Ether	0.82	1.54	3.60
	Naphthalene (and Methyl naphthalenes)	<0.001	0.001	<0.01
	Polynuclear Aromatic Hydrocarbons	<0.001	0.001	<0.001
	Toluene	0.05	0.22	0.24
	Xylene (mixed isomers)	0.02	0.31	0.11
	n-Hexane	0.06	0.25	0.25
EOT 0008 T-GW	2,2,4-Trimethylpentane	<0.001	<0.001	<0.01
	Benzene	<0.001	<0.001	<0.01
	Cumene	<0.001	<0.001	<0.01
	Ethyl benzene	<0.001	<0.001	<0.01
	Naphthalene (and Methyl naphthalenes)	<0.001	<0.001	<0.01
	Polynuclear Aromatic Hydrocarbons	<0.001	<0.001	<0.001
	Toluene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	0.002	0.002	0.01
EOT 0009 ows	2,2,4-Trimethylpentane	0.002	0.002	0.01
	Benzene	0.004	0.004	0.02
	Cumene	<0.001	<0.001	<0.01
	Ethyl benzene	<0.001	<0.001	<0.01
	Naphthalene (and Methyl naphthalenes)	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal

Activity Number: PER20100002

Permit Number: 2500-00027-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0009 OWS	Polynuclear Aromatic Hydrocarbons	<0.001	<0.001	<0.001
	Toluene	0.002	0.002	0.01
	Xylene (mixed isomers)	0.001	0.001	0.01
	n-Hexane	0.03	0.03	0.13
FUG 0001 F-1	2,2,4-Trimethylpentane	0.004		0.02
	Benzene	0.01		0.04
	Cumene	0.002		0.01
	Ethyl benzene	0.01		0.04
	Methyl Tertiary Butyl Ether	0.05		0.20
	Naphthalene (and Methyl naphthalenes)	<0.001		<0.01
	Polynuclear Aromatic Hydrocarbons	<0.001		<0.001
	Toluene	0.03		0.14
	Xylene (mixed isomers)	0.05		0.21
GRP 0002 GE-TC	n-Hexane	0.01		0.03
	2,2,4-Trimethylpentane	0.004		0.02
	Benzene	0.02		0.09
	Ethyl benzene	0.001		0.01
	Methyl Tertiary Butyl Ether	0.30		1.31
	Toluene	0.02		0.09
	Xylene (mixed isomers)	0.01		0.04
GRP 0003 D-TC	n-Hexane	0.02		0.09
	Benzene	0.004		0.02
	Ethyl benzene	0.002		0.01
	Naphthalene (and Methyl naphthalenes)	<0.001		<0.01
	Polynuclear Aromatic Hydrocarbons	<0.001		<0.001
	Toluene	0.01		0.03
	Xylene (mixed isomers)	0.01		0.05
UNF 0001 MT	n-Hexane	0.01		0.04
	2,2,4-Trimethylpentane			0.10
	Benzene			0.42
	Cumene			0.02
	Ethyl benzene			0.08
	Methyl Tertiary Butyl Ether			5.11

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal

Activity Number: PER20100002

Permit Number: 2500-00027-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 MT	Naphthalene (and Methyl naphthalenes)			0.03
	Polynuclear Aromatic Hydrocarbons			<0.01
	Toluene			0.51
	Xylene (mixed isomers)			0.42
	in-Hexane			0.55

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

EQT 0002 20-1 - Gasoline/Ethanol/Diesel Storage Tank

- 1 [40 CFR 60.112b(a)(1)(ii)(C)]
 Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]
- 2 [40 CFR 60.112b(a)(1)]
 Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.
 Subpart Kb. [40 CFR 60.112b(a)(1)]
- Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
- Which Months: All Year Statistical Basis: None specified
 Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)]
- Which Months: All Year Statistical Basis: None specified
 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- Which Months: All Year Statistical Basis: None specified
 If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 6 [40 CFR 60.113b(a)(4)]

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

EQT 0002 20-1 - Gasoline/Ethanol/Diesel Storage Tank

- 7 [40 CFR 60.113b(a)(5)]
Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
8. [40 CFR 60.115b(a)(1)]
Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 9 [40 CFR 60.115b(a)(2)]
Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 10 [40 CFR 60.115b(a)(3)]
Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
- Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- VOL storage data recordkeeping by electronic or hard copy continuously. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
- 13 [40 CFR 63.423(a)]
Permittee shall equip the gasoline storage vessel according to the requirements in 60.112b(a)(1) through (4) except for the requirements in 40 CFR 60.112b(a)(1)(iv) through (ix) and 60.112b(a)(2)(ii). Subpart R. [40 CFR 63.423(a)]
- 14 [40 CFR 63.425(d)]
Permittee shall comply with all the applicable requirements in 40 CFR 60.113b. Subpart R. [40 CFR 63.425(d)]
- 15 [40 CFR 63.427(c)]
Permittee shall comply with all the applicable requirements of 40 CFR 60.116b, except the records shall kept for at least five years. Subpart R. [40 CFR 63.427(c)]
- 16 [40 CFR 63.428(d)]
Permittee shall keep records and furnish reports as specified in 40 CFR 60.115b except records shall be kept for five years and shall include these reports with the semiannual reports along with the number of leaks not repaired within five days after detection. Subpart R. [40 CFR 63.428(d), 40 CFR 63.428(g)(2 and 3)]
- 17 [LAC 33:III.2|03.B]
18 [LAC 33:III.2|03.C]
19 [LAC 33:III.2|03.H.3]
- Equip with a submerged fill pipe.
Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2|03.H.3.a-e.

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

EQT 0002 20-1 - Gasoline/Ethanol/Diesel Storage Tank

20 [LAC 33:II.2(I.3.I)]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:II.2(I.3.I.1 - 7, as applicable.

EQT 0003 20-2 . Diesel Fuel Cone Roof Storage Tank

21 [LAC 33:II.2(I.3.I)]

VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0004 20-3 - Gasoline/Ethanol/Diesel Storage Tank

22 [40 CFR 60.112b(a)(1)(i)]

Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]
 Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]

Which Months: All Year Statistical Basis: None specified

Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(iii)]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

EQT 0004 20-3 - Gasoline/Ethanol/Diesel Storage Tank

- 27 [+0 CFR 60.113(b)(4)]
 Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113(b)(4)]
- 28 [+0 CFR 60.113(b)(4)]
 Which Months: All Year Statistical Basis: None specified
 If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113(b)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113(b)(3)(i) of this section. Subpart Kb. [40 CFR 60.113(b)(4)]
- 29 [+0 CFR 60.113(b)(5)]
 Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113(b)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113(b)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113(b)(5)]
- 30 [+0 CFR 60.115(b)(1)]
 Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112(b)(1) and 60.113(b)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115(b)(1)]
- 31 [+0 CFR 60.115(b)(2)]
 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113(b)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115(b)(2)]
- 32 [+0 CFR 60.115(b)(3)]
 Submit a report if required: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113(b)(2) that detects any of the conditions described in 40 CFR 60.113(b)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115(b)(3)]
- 33 [+0 CFR 60.116(b)]
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116(b)(1). Subpart Kb. [40 CFR 60.116(b)]
- 34 [+0 CFR 60.116(b)(c)]
 VOL storage data recordkeeping by electronic or hard copy continuously. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116(b)(3)]
- 35 [+0 CFR 63.425(d)]
 Permittee shall comply with all the applicable requirements in 40 CFR 60.113b. Subpart R. [40 CFR 63.425(d)]

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

EQT 0004 20-3 - Gasoline/Ethanol/Diesel Storage Tank

- 36 [40 CFR 63.427(c)]
 Permittee shall comply with all the applicable requirements of 40 CFR 60.116b, except the records shall kept for at least five years. Subpart R.
 [40 CFR 63.427(c)]
- 37 [40 CFR 63.428(d)]
 Permittee shall keep records and furnish reports as specified in 40 CFR 60.115b except records shall be kept for five years and shall include these reports with the semiannual reports along with the number of leaks not repaired within five days after detection. Subpart R. [40 CFR 63.428(d), 40 CFR 63.428(g)(2 and 3)]
- 38 [LAC 33:III.2103.B]
 Equip with a submerged fill pipe.
- 39 [LAC 33:III.2103.C]
 Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 40 [LAC 33:III.2103.H.3]
 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2101.H.3-a-e.
- 41 [LAC 33:III.2103.1]
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0005 20-4 - Gasoline/Ethanol/Diesel Storage Tank

- 42 [40 CFR 60.112b(a)(1)(i)]
 Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
- 43 [40 CFR 60.112b(a)(1)(ii)(C)]
 Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]
- 44 [40 CFR 60.112b(a)(1)]
 Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

EQT 0006 20-4 - Gasoline/Ethanol/Diesel Storage Tank

45 [-0 CFR 60.113(b)(1)]

Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113(b)(1)]

Which Months: All Year Statistical Basis: None specified

Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113(b)(2)]

Which Months: All Year Statistical Basis: None specified

If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days.

If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113(b)(2)]

Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113(b)(4)]

Which Months: All Year Statistical Basis: None specified

If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113(b)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113(b)(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113(b)(4)]

Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113(b)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113(b)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113(b)(5)]

Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112(b)(1) and 60.113(b)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meroux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

EQT 0005 20-4 - Gasoline/Ethanol/Diesel Storage Tank

Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]

Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

VOL storage data recordkeeping by electronic or hard copy continuously. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]

Permittee shall equip the gasoline storage vessel according to the requirements in 60.112b(a)(1) through (4) except for the requirements in 40 CFR 60.112b(a)(1)(iv) through (ix) and 60.112b(a)(2)(ii). Subpart R. [40 CFR 63.423(a)]

Permittee shall comply with all the applicable requirements in 40 CFR 60.113b. Subpart R. [40 CFR 63.425(d)]

Permittee shall comply with all the applicable requirements of 40 CFR 60.116b, except the records shall kept for at least five years. Subpart R. [40 CFR 63.427(c)]

Equip with a submerged fill pipe.

Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.

Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2.I03.H.J-a-e.

Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33.III.2.I03.I.1 - 7, as applicable.

EQT 0006 20-5 - Gasoline/Ethanol/Diesel Storage Tank

Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

EQT 0006 20-5 - Gasoline/Ethanol/Diesel Storage Tank

- 65 [40 CFR 60.112(b)(3)(i)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112(b)(a)(1)]
- 66 [40 CFR 60.113(b)(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113(b)(a)(1)]
- Which Months: All Year Statistical Basis: None specified
- If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115(b)(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113(b)(a)(2)]
- 67 [40 CFR 60.113(b)(a)(2)] Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113(b)(a)(2)]
- Which Months: All Year Statistical Basis: None specified
- If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmospheric, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113(b)(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113(b)(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113(b)(a)(4)]

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-Y3
Air - Title V Regular Permit Renewal

EQT 0006 20-5 - Gasoline/Ethanol/Diesel Storage Tank

Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113(b)(4)]

Which Months: All Year Statistical Basis: None specified

Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113(b)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113(b)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113(b)(5)]

Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112(b)(1) and 60.113(b)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]

Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113(b)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]

Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

VOL storage data recordkeeping by electronic or hard copy continuously. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]

[40 CFR 63.423(a)]
Permittee shall equip the gasoline storage vessel according to the requirements in 60.112b(a)(1)(i) through (iii). [40 CFR 63.423(a)]

[40 CFR 63.425(d)]
Permittee shall comply with all the applicable requirements in 40 CFR 60.113b. Subpart R. [40 CFR 63.425(d)]

Permittee shall comply with all the applicable requirements of 40 CFR 60.116b except the records shall kept for at least five years. [40 CFR 63.427(c)]
Equip with a submerged fill pipe.
Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.

Determine VOC maximum true vapor pressure using the methods in LAC 33:II.2103.H.3.a-e.
82 [LAC 33:II.2103.II.]

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

EQT 0006 20-5 - Gasoline/Ethanol/Diesel Storage Tank

83 [LAC 33:III.2(03.I)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2(03.I.1 - 7, as applicable.

EQT 0007 30-1 - Truck Loading Facility (Flare as a Control Device)

- 84 [-0 CFR 63.420] Total Organic Compounds (less methane and ethane) <= 10 mg/l (0.083 lb/1000 gal) of gasoline loaded. [40 CFR 60.502(d), 40 CFR 60.502, 40 CFR 63.422, 40 CFR 63.420]
 Which Months: All Year Statistical Basis: None specified
 Permittee shall monitor the thermal oxidation system (enclosed flare) pilot flame monitoring device in lieu of CPMS per the EPA approval letter dated May 2, 2005. [40 CFR 63.422(b), 40 CFR 63.425(b), 40 CFR 63.427(a)(5)]
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency except for the pilot flame which was approved by the EPA by letter dated May 2, 2005. As specified in 40 CFR 63.428(a), (b)(1), (b)(3), (c)(1), (c)(3), and (h). Subpart R.
 Equip with a vapor collection system consisting of, at a minimum, a vapor return line which returns all vapors displaced during loading to the VOC dispensing vessel or to a disposal system.
 Prevent spills during the attachment and disconnection of filling lines or arms. Equip loading and vapor lines with fittings which close automatically when disconnected, or equip to permit residual VOC in the loading line to discharge into a collection system or disposal or recycling system.
 VOC, Total >= 90 % DRE, using a vapor disposal system.
 Which Months: All Year Statistical Basis: None specified
 Discontinue loading or unloading through the affected transfer lines when a leak is observed; do not resume loading or unloading until the observed leak is repaired.
 VOC, Total monitored by visual, audible, and/or olfactory during loading or unloading, to detect leaks.
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2(07.D.1, 2 and 4).
 Determine compliance with LAC 33:III.2(07.E.1.a through E.1.c, as appropriate.
 Submit notification: Due to the Office of Environmental Assessment at least 30 days prior to performing any emission test to afford DEQ the opportunity to conduct a pretest conference and to have an observer present.
 Submit test results: Due to the Office of Environmental Assessment within 60 days of test completion.
 Do not load gasoline into any tank trucks or trailers from any bulk gasoline terminal unless the conditions in LAC 33:III.2(35.B.1.a through B.1.d are met.
 VOC, Total <= 80 mg/l (4.7 grains/gallon or 0.67 lb/1000 gallons) of gasoline loaded.
 Which Months: All Year Statistical Basis: None specified
 Do not allow gasoline to be discarded in sewers or stored in open containers or handled in any manner that would result in evaporation.
 Do not allow the pressure in the vapor collection system to exceed the tank truck or trailer pressure relief settings.
 Service only those delivery trucks/transport vessels complying with LAC 33:III.2(37).

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

EQT 0007 30-1 - Truck Loading Facility (Flare as a Control Device)

101 [LAC 33:III.2135.D]

Determine compliance with LAC 33:III.2135 using the test methods and procedures specified in LAC 33:III.2135.D.1 through D.2.

EQT 0010 FPPT - Flare Pilot Propane Tank

102 [LAC 33:III.501]

Pressurized Tank - Shall maintain pressure such that under normal conditions there is no vapor or gas loss to the atmosphere.

FUG 0001 F-1 - Fugitive Emissions

103 [40 CFR 63.424]

Compliance with Louisiana MACT Determination for Refinery Equipment Leaks (Fugitive Emission Sources) dated July 26, 1994 is considered compliance with 40 CFR 63.424 - Standards: Equipment Leaks. Subpart R. Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

104 [LAC 33:III.2111]

Compliance with all the applicable requirements of Louisiana MACT Determination for Refinery Equipment Leaks dated July 26, 1994 is considered compliance with all the applicable requirements of LAC 33:III.2121. Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure, or equip with a barrier fluid degassing reservoir that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emissions to the atmosphere, as specified in Paragraph D.4.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Valves in gas/vapor service and in light liquid service (percent leaking valves ≤ 2 for two consecutive quarterly leak detection periods): VOC. Total monitored by the regulation's specified method(s) semiannually, as specified in Paragraph J.2.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring.

105 [LAC 33:III.2121]

Which Months: All Year. Statistical Basis: None specified Valves in gas/vapor service and in light liquid service: Repair leaks as soon as practicable, but no later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection I.3 and I.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.

106 [LAC 33:III.5109.A]

Valves in gas/vapor service and in light liquid service (percent leaking valves ≥ 4): VOC. Total monitored by the regulation's specified method(s) monthly, as specified in Subsection I.7 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. Monthly monitoring must be initiated within 60 days of the previous monitoring and must continue until the percent of leaking valves is less than 4, at which time monitoring can be performed in accordance with Subsection I.1. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

FUG 0001 F-1 - Fugitive Emissions

110 [LAC 33:III.5109.A]

Connectors in gas/vapor service and in light liquid service \geq one inch in inside diameter size (percent of leaking connectors $>$ 2): VOC, Total monitored by the regulation's specified method(s) quarterly until good performance is obtained or until four quarterly monitorings have been performed, as specified in Subsections O.2 and O.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If good performance has not been obtained after four quarters of monitoring, monitor the remaining unchecked connectors within three months of the last quarterly monitoring period, as specified in Subsection O.6 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If monitoring of the remaining connectors indicates good performance, monitor in accordance with Subsection O.4. If monitoring of the remaining connectors indicates that good performance has not been obtained, monitor in accordance with Subsection O.5. Monitor using the method specified in Section P. If an instrument reading \geq 1000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M.

Which Months: All Year Statistical Basis: None specified

Compressors: Ensure that the barrier fluid is not in VOTAP service and, if the compressor is covered by a standard under NSPS, is not in VOC service, as specified in Subsection E.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar), as specified in Paragraph D.4.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate repair provisions specified in Paragraphs D.3.a and D.3.b.

Which Months: All Year Statistical Basis: None specified

Valves in gas/vapor service and in light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than two meters above a support service, as specified in Subsection I.6.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times, as specified in Subsection I.5.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2.

Which Months: All Year Statistical Basis: None specified

Connectors in gas/vapor service and in light liquid service \geq one inch in inside diameter size (unsafe-to-monitor): Determine that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with Subsections O.2 through O.6, as specified in Subsection O.10.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Subparagraph D.4.e.ii of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Comply with the test methods and procedures in Section P, as specified in Subsections P.1 through P.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Submit statement: Due in writing by 90 days after approval of the Compliance Plan/Certificate of Compliance. Submit the information specified in Subsections R.1 and R.3, as specified in Subsections R.1 and R.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

SPECIFIC REQUIREMENTS

AJ ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

FUG 0001 F-1 - Fugitive Emissions

- 119 [LAC 33:III.5109.A] Pumps in light liquid service (dual mechanical seal system): Equip each barrier fluid system with a sensor that will detect failure of the seal system, the barrier fluid system, or both, as specified in Paragraph D.4.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Attach a weatherproof and readily visible identification, marked with the equipment identification, to leaking equipment, as specified in Subsection Q.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 120 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service \geq one inch in inside diameter size: Repair Leaks as soon as practicable, but not later than 15 calendar days after a leak is detected. Make a first attempt at repair no later than 5 calendar days after each leak is detected. If a leak is detected, monitor the for leaks within the first 90 days after its repair, as specified in Subsection O.9 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 121 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (using skip period leak detection and repair): Notify DEQ at least 30 days before implementing one of the alternate monitoring scenarios in Section J, as specified in Paragraph J.1.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 122 [LAC 33:III.5109.A] Identify each piece of equipment in a process unit subject to this MACT determination such that it can be distinguished readily from equipment that is not subject to this MACT determination, as specified in Subsection C.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 123 [LAC 33:III.5109.A] Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve that seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line or during maintenance and repair, as specified in Subsection H.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 124 [LAC 33:III.5109.A] Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar), as specified in Paragraph D.1.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If there are indications of liquids dripping from the pump seal, monitor within 5 days.
- Which Months: All Year Statistical Basis: None specified
- 125 [LAC 33:III.5109.A] Compressors (seal system): Operate with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure, or equip with a barrier fluid system that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emission to the atmosphere, as specified in Subsection E.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 126 [LAC 33:III.5109.A] Compressors (seal system): VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection E.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor to detect leaks using the methods specified in Section P. If an instrument reading of 5000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8.
- Which Months: All Year Statistical Basis: None specified
- 127 [LAC 33:III.5109.A] Surge control vessels and bottoms receivers: Equip each surge control vessel and bottoms receiver that is not routed back to the process with a closed-vent system that routes the organic vapors vented from the vessel back to the process or to a control device that complies with the requirements of Section N or to an alternate method of control which has been approved by DEQ, as specified in Section L of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 128 [LAC 33:III.5109.A]

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

FUG 0001 F-1 - Fugitive Emissions

- 129 [LAC 33:II.5109.A] Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in VOTAP service and, if the pump is covered by standards under NSPS, is not in VOC service, as specified in Paragraph D.4.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Compressors: Equipment/operational data monitored by technically sound method daily, as specified in Paragraph E.6.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Check each sensor as required in Subsection E.5 daily or equip with an audible alarm unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on criterion determined under Paragraph E.6.b, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8.
- Which Months: All Year Statistical Basis: None specified
- Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided for in Subsections C.4, E.9 and E.10, as specified in Subsection E.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Instrument systems and pressure relief devices in liquid service; pumps, valves, connectors, and agitators in heavy liquid service; connectors < 1 inch in inside diameter in gas/vapor or light liquid service: VOC, Total monitored by the regulation's specified method(s) within 5 days of finding evidence of a potential leak by visual, audible, olfactory, or any other detection method, as specified in Subsection K.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. If an instrument reading of 2000 ppm or greater for pumps or 1000 ppm or greater for valves, connectors, instrument systems, or pressure relief devices is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection K.3.
- Which Months: All Year Statistical Basis: None specified
- Compressors: Equip each barrier fluid system as described in Subsections E.2 through E.4 with a sensor that will detect failure of the seal system, the barrier fluid system, or both, as specified in Subsection E.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Compressors: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection E.8 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
- Pumps in light liquid service: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection D.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
- Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with Subsection I.1, as specified in Subsection I.5.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Pressure relief device in gas/vapor service: VOC, Total monitored by the regulation's specified method(s) within 5 days (calendar) after the pressure release to confirm the condition of no leakage, as indicated by an instrument reading of less than 500 ppm above background, as specified in Section F.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.3.
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
 Activity Number: PER20100002
 Permit Number: 2500-00027-V3
 Air - Title V Regular Permit Renewal

FUG 0001 F-1 • Fugitive Emissions

- Open-ended valves or lines (equipped with a second valve): Operate in a manner such that the valve on the process fluid end is closed before the second valve is closed, as specified in Subsection H.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Sampling connection systems (closed-purge or closed-vent system): Return the purged process fluid directly to the process line with zero VOTAP emissions to the atmosphere, or collect and recycle the purged process fluid with zero VOTAP emissions to the atmosphere, or be designed and operated to capture and transport all the purged process fluid to a control device that complies with the requirements of Section N, as specified in Subsection G.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Compressors (no detectable emissions): Demonstrate that the compressor is operating with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in Subsection P.3, as specified in Paragraph E.1.O.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Submit report: Due quarterly starting three months after the initial report required in Subsection R.1. Include the information specified in Paragraphs R.2.a through R.2.e, as specified in Subsection R.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Connectors in gas/vapor service and in light liquid service \geq one inch in inside diameter size (percent of leaking connectors ≤ 2): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Subsections O.2 and O.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitoring must be performed in the same calendar quarter as the previous monitoring. Monitor using the method specified in Section P. If an instrument reading ≥ 1000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M.
- Which Months: All Year Statistical Basis: None specified
- Open-ended valves or lines: Monitor and repair in accordance with Section I, as specified in Subsection H.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Sampling connection systems: Equip with a closed-purge system or closed-vent system, except as provided for in Section C, as specified in Subsection G.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Ensure that this system collects or captures the sample purge for return to the process.
- Connectors in gas/vapor service and in light liquid service \geq one inch in inside diameter size (inaccessible or glass or glass-lined): Repair leaks as soon as practicable, but no later than 15 calendar days after detecting a leak by visual, audible, olfactory or other means, except as specified in Subsection O.8, as specified in Subsection O.11.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after the leak is detected, as specified in Subsection O.11.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Compressors: Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Paragraph E.6.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- VOC: Total recordkeeping by manual logging at the regulation's specified frequency. Maintain a record of the monitoring in the log required in Subsection Q.5, as specified in Subsection C.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Pressure relief device in gas/vapor service: After each pressure release, return to a condition of no leakage, as indicated by an instrument reading of less than 500 ppm, as soon as practicable, but no later than five calendar days after each pressure release, except as provided in Section M, as specified in Section F.2.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

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149 [LAC 33:III.5|09.A]

Instrument systems and pressure relief devices in liquid service; pumps, valves, connectors, and agitators in heavy liquid service; connectors < 1 inch in inside diameter in gas/vapor or light liquid service: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection K.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.

Pumps in light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency, as specified in Subparagraph D.6 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor pump as often as practicable and at least monthly.

Which Months: All Year Statistical Basis: None specified

VOC, Total monitored by technically sound method at the regulation's specified frequency. Monitor equipment that has been physically removed from service, disassembled or dismantled in the next scheduled monitoring period or within 1 year of placing back in service, whenever occurs first, to determine if it is leaking, as specified in Subsection C.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Which Months: All Year Statistical Basis: None specified

Connectors in gas/vapor service and in light liquid service => one inch in inside diameter size (have been welded completely around the circumference of the interface or physically removed and the pipe welded together): Equipment/operational data monitored by the regulation's specified method(s) within three months after being welded. Check the integrity of the weld by monitoring according to the procedures in Section P or by testing using x-ray, acoustic monitoring, hydrotesting, or other applicable method, as specified in Subsection O.7 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Which Months: All Year Statistical Basis: None specified

Pumps in light liquid service (dual mechanical seal system): Equipment/operational data monitored by visual inspection/determination daily. Check sensor daily or equip with an audible alarm, as specified in Subparagraph D.4.c.i of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined in Paragraph D.4.c.ii, a leak is detected. If a leak is detected, initiate repair provisions specified in Paragraphs D.3.a and D.3.b.

Which Months: All Year Statistical Basis: None specified

Valves in gas/vapor service and in light liquid service (difficult-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve at least once per calendar year, as specified in Subsection 1.6.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2.

Which Months: All Year Statistical Basis: None specified

Connectors in gas/vapor service and in light liquid service => one inch in inside diameter size (have been opened or have otherwise had the seal broken): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Monitor for leaks after being returned to VOTAP service during the next scheduled monitoring period, as specified in Paragraph O.8 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the follow-up monitoring detects a leak, initiate repair provisions specified in Subsection O.9, unless it is determined to be unrepairable, in which case it is counted as unrepairable.

Which Months: All Year Statistical Basis: None specified

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- 156 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service: VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection I.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. If an instrument reading of 1000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection I.3.
- Which Months: All Year Statistical Basis: None specified
- Compressors: Equip with a closed-vent system capable of capturing and transporting any leakage from the seal to a control device that complies with the requirements of Section N, except as provided for in Subsection E.10, as specified in Paragraph E.9 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Alternative to Subsections E.1 through E.7.
- 157 [LAC 33:III.5109.A] Valves in gas/vapor service and in light liquid service (skip period leak detection and repair): Notify DEQ 30 days before implementing any of the alternate provisions of Section J, as specified in Subsection R.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Pressure relief device in gas/vapor service: VOC, Total < 500 ppm except during pressure releases, as measured by the method specified in Section P.3, as specified in Subsection F.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Which Months: All Year Statistical Basis: None specified
- Compressors (no detectable emissions): VOC, Total monitored by the regulation's specified method(s) once initially upon designation, annually, and at other times requested by DEQ, as specified in Paragraph E.10.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Which Months: All Year Statistical Basis: None specified
- Repair equipment before the end of the next process unit shutdown, if repair is technically infeasible with a process unit shutdown, as specified in Subsection M.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- Connectors in gas/vapor service and in light liquid service => one inch in inside diameter size: VOC, Total monitored by the regulation's specified method(s) once initially, as specified in Subsections O.1 and O.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If an instrument reading \geq 1000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M.
- Which Months: All Year Statistical Basis: None specified
- Valves in gas/vapor service and in light liquid service (percent leaking valves \leq 2 for two consecutive semiannual leak detection periods): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Paragraph J.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring.
- Which Months: All Year Statistical Basis: None specified
- Connectors in gas/vapor service and in light liquid service => one inch in inside diameter size (unsafe-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring as frequently as practicable during safe to monitor periods, as specified in Subsection O.10.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method in Section P.
- Which Months: All Year Statistical Basis: None specified
- 158 [LAC 33:III.5109.A]
- 159 [LAC 33:III.5109.A]
- 160 [LAC 33:III.5109.A]
- 161 [LAC 33:III.5109.A]
- 162 [LAC 33:III.5109.A]
- 163 [LAC 33:III.5109.A]
- 164 [LAC 33:III.5109.A]

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- 165 [LAC 33:III.5109.A] Connectors in gas/vapor service and in light liquid service \geq one inch in inside diameter size: Calculate the percent leaking connectors using the equation in Subsection O.12 for use in determining the monitoring frequency, as specified in Subsection O.12 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in Subsections Q.1 through Q.13 as applicable, as specified in Section Q of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Pumps in light liquid service: VOC, Total monitored by the regulation's specified method(s) quarterly. Monitor to detect leaks by the methods specified in Subsection P.2, except as provided in Subsections C.4, D.4, D.5 and D.6, as specified in Paragraph D.1.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If an instrument reading of 20000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions as specified in Subsection D.3.
- Which Months: All Year Statistical Basis: None specified

GRP 0002 GE-TC - Gasoline/Ethanol Tank Cap

Group Members: EQT 0002 EQT 0004 EQT 0005 EQT 0006

- 166 [LAC 33:III.5109.A] Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point GE-TC (C^{AP}) based on the throughput of the stored material from all the tanks listed below to no more than 8.80 TPY. The overall VOC emission of the tanks shall be calculated based on the individual tanks throughput recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions from the tanks above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.
- 167 [LAC 33:III.5109.A] Emission Points 20-1, 20-3, 20-4, and 20-5.

GRP 0003 D-TC - Diesel Tank Cap

Group Members: EQT 0002 EQT 0003 EQT 0004 EQT 0005 EQT 0006

- 168 [LAC 33:III.507.H.1.a] Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point D-TC (C^{AP}) based on the throughput of the stored material from all the tanks listed below to no more than 1.46 TPY. The overall VOC emission of the tanks shall be calculated based on the individual tanks throughput recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions from the tanks above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.
- 169 [LAC 33:III.507.H.1.a] Emission Points 20-1, 20-2, 20-3, 20-4, and 20-5.

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- 170 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
 Include the information specified in 40 CFR 63.428(g)(1) through (g)(3), as applicable, in a semiannual report to DEQ. Subpart R. [40 CFR 63.428(B)]
- 171 [40 CFR 63.428(g)] Include in the excess emissions report to DEQ required in accordance with 40 CFR 63.10(e)(3), whether or not a CMS is installed at the facility.
- 172 [40 CFR 63.428(h)] Include the information specified in 40 CFR 63.428(h)(1) through (h)(4), as applicable. Subpart R. [40 CFR 63.428(h)]
- 173 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
- 174 [40 CFR 82. Subpart F] Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.
- 175 [LAC 33:III.1.103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 176 [LAC 33:III.1.109.B] Outdoor burning of waste material or other combustible material is prohibited.
- 177 [LAC 33:III.1.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 178 [LAC 33:III.1.1305.A] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 179 [LAC 33:III.2.111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.
- 180 [LAC 33:III.2.113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 181 [LAC 33:III.2.137.A.1] Tank Trucks: Ensure that gasoline tank trucks and their vapor collection systems do not sustain a pressure change of more than 3 inches of water (0.75 kPa) in five minutes when pressurized to 18 inches of water (4.5 kPa) or evacuated to 6 inches of water (1.5 kPa) using Test Method 27 (40 CFR Part 60, Appendix A) for determination of vapor tightness of gasoline delivery tanks using pressure-vacuum test.
- 182 [LAC 33:III.2.137.A.2] Tank Trucks: Ensure that each tank truck has a sticker displayed on each tank indicating the identification number of the tank and the date each tank last passed the pressure and vacuum test described in LAC 33:III.2.137.A.1. Certify each tank annually and display the sticker near the Department of Transportation certification plate. Make any repairs necessary to pass the specified requirements within 15 days of failure.
- 183 [LAC 33:III.2.137.B.1] Vapor Collection Systems: Ensure that loading and unloading operations at gasoline terminals do not produce a reading equal to or greater than 100% of the lower explosive limit (LEL, measured as propane) at 2.5 centimeters around the perimeter of a potential leak source as detected by a combustible gas detector using Test Method 21 (40 CFR Part 60, Appendix A) for determination of volatile organic compound leaks.
- 184 [LAC 33:III.2.137.B.2] Vapor Collection Systems: Ensure that the vapor collection and processing equipment is designed and operated to prevent tank truck gauge pressure from exceeding 18 inches of water (4.5 kPa) and prevent vacuum from exceeding 6 inches of water (1.5 kPa).
- 185 [LAC 33:III.2.137.B.3] Vapor Collection Systems: Equipment/operational data monitored by technically sound method annually. Make any repairs necessary to pass the specified requirements within 15 days of failure, if an inspection is failed.
- Which Months: All Year Statistical Basis: None specified

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186 [LAC 33:III.2|37.D]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records at the facility for at least two years indicating the last time the vapor collection facility passed the requirements specified in LAC 33:III.2|37.B.1. Also, during the annual test procedure, record items which required repair in order to pass the specified requirements.

Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.

If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.

Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.

Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.

Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.

Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.

Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.

Submit Annual Emissions Report: Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.

Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).

Submit notification: Due to the Office of Environmental Compliance, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.Chapter 51.Table 51.1 or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.

187 [LAC 33:III.2|9]

188 [LAC 33:III.2901.D]

189 [LAC 33:III.2901.F]

190 [LAC 33:III.5|05.A.1]

191 [LAC 33:III.5|05.A.2]

192 [LAC 33:III.5|05.A.3]

193 [LAC 33:III.5|05.A.4]

194 [LAC 33:III.5|07.A.2]

195 [LAC 33:III.5|07.A]

196 [LAC 33:III.5|07.B.1]

197 [LAC 33:III.5|07.B.2]

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- 198 [LAC 33:III.5107.B.3] Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:1.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:1.3923.
- 199 [LAC 33:III.5107.B.4] Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii.
- 200 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 201 [LAC 33:III.5109.B.2] Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology.
- 202 [LAC 33:III.5109.B] Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112. Table 51.2.
- 203 [LAC 33:III.5109.C] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III. Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department.
- 204 [LAC 33:III.5111.A] Do not commence construction or modification of any major source without first obtaining written authorization from DEQ in accordance with LAC 33:III.501, LAC 33:III.5111.B, and LAC 33:1.1701.
- 205 [LAC 33:III.5113.B.1] Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel.
- 206 [LAC 33:III.5113.B.3] Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department.
- 207 [LAC 33:III.5113.B.4] Provide emission testing facilities as specified in LAC 33:III.5113.B.4, a through e.
- 208 [LAC 33:III.5113.B.5] Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 60th day following the completion of the emission test. Report the determinations of the emission test.
- 209 [LAC 33:III.5113.B.5] Analyze samples and determine emissions within 30 days after each emission test has been completed.
- 210 [LAC 33:III.5113.B.6] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ.
- 211 [LAC 33:III.5113.B.7] Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test.

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- 212 [LAC 33:III.5|13.C.1] Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence.
- Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ.
- Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation.
- Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin.
- Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems.
- Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B.
- Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days.
- Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS.
- Collect and reduce all data as specified in LAC 33:III.5|13.C.5.e.i and ii, if required to install a CMS.
- Submit plan: Due to the Office of Environmental Assessment, Environmental Technology Division within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system.
- Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ.
- Comply with the Part 70 General Conditions as set forth in LAC 33:III.5|35 and the Louisiana General Conditions as set forth in LAC 33:III.5|37. [LAC 33:III.5|35, LAC 33:III.5|37]
- Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5|901.
- Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5|907, or Table 59.1 of LAC 33:III.5|913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.

SPECIFIC REQUIREMENTS

AI ID: 93523 - Murphy Oil USA Inc - Meraux Terminal
Activity Number: PER20100002
Permit Number: 2500-00027-V3
Air - Title V Regular Permit Renewal

UNF_0001 MT - Meraux Terminal

- 228 [LAC 33:III.5911.A] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later.
 Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.
- 229 [LAC 33:III.5911.C] Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.
- 230 [LAC 33:III.905] Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
- 231 [LAC 33:III.913] Provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of emission limits.
- 232 [LAC 33:III.917.A] Where, upon written application of the responsible person or persons, the administrative authority finds that by reason of exceptional circumstances strict conformity with any provisions of these regulations would cause undue hardship, would be unreasonable, impractical or not feasible under the circumstances, the administrative authority may permit a variance from these regulations.
- 233 [LAC 33:III.917.B] No variance may permit or authorize the maintenance of a nuisance, or a danger to public health or safety.
- 234 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
- 235 [LAC 33:III.927] Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:III.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:III.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.
- 236 [LAC 33:III.929.A] No person or group of persons shall allow particulate matter or gases to become airborne in amounts which cause the ambient air quality standards to be exceeded.